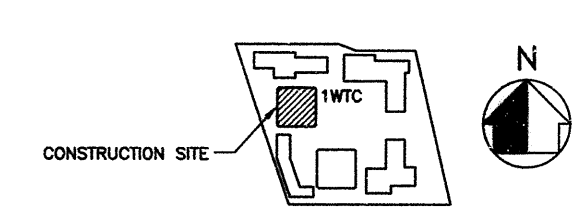
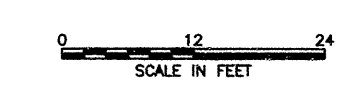


NOTES

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES, SEE DWG. E-1. FOR INSTALLATION DETAILS, SEE DWG. E-2. FOR WIRING DIAGRAMS, SEE DWG. E-3.
2. CONTRACTOR SHALL REMOVE EXISTING SMOKE DETECTORS ONLY AFTER INSTALLED DEVICES ARE OPERATIONAL.
3. FOR REMOVAL AND PATCHING PLAN DETAILS (P-1, P-2, P-3 & P-4), SEE DWG. A-1.
4. FOR RETURN AIR SMOKE DETECTORS ARRANGEMENT AND NOTES, SEE DWG. N-1.
5. SINCE FIRE ALARM CIRCUIT LENGTH IS CRITICAL, ROUTING AND INSTALLATION OF ALL FIRE ALARM CIRCUITS SHALL BE AS SHOWN ON DRAWING.
6. DISCONNECT AND ABANDON EXISTING SMOKE DETECTOR CIRCUITS IN CEILING. TAPE ENDS OF ABANDONED CONDUCTORS AND TAG AS ABANDONED. THIS WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.



KEY PLAN



Sheet 56 of 75

WORLD TRADE CENTER
 ENGINEERING DEPARTMENT
 DESIGN DIVISION
 WORLD TRADE CENTER
 89th FLOOR
 SMOKE DETECTOR
 INSTALLATION AND
 REMOVAL PLAN

1 9/23/99 AS-BID
 No. Date Revision Approved

ENGINEERING DEPARTMENT
 DESIGN DIVISION

WORLD
 TRADE
 CENTER

ELECTRICAL
 Title

FIRE ALARM SYSTEM
 DEVICE UPGRADE
 PHASE III
 1 WORLD TRADE CENTER
 CONTRACT NO. 3

89th FLOOR
 SMOKE DETECTOR
 INSTALLATION AND
 REMOVAL PLAN

This drawing subject to conditions in Contract. All
 inventions, ideas, designs and methods herein are
 reserved to Port Authority and may not be used
 without its written consent.

S. FELDSTEIN F. BROWN A.S.
 Designed by Drawn by Checked by

AUGUST 9, 1999
 Date

WTC-081.178 E-089-3
 Contract Number Drawing Number